

What is claimed is:

1. A coated paper for printing applying two or more coating layers composed mainly of a pigment and an adhesive on at least one surface of a base paper, wherein absorption coefficient K_a of the coating layers is within a range of $0.02 - 0.35 \text{ ml}/(\text{m}^2 \cdot \text{ms}^{1/2})$ when

5 measured using Bristow tester and standard viscosity oil (JS2.5) defined in JIS Z8809-1992 as evaluation liquid, wherein ink is prepared by blending sheet ink for evaluating paper of 80 mass % and ink solvent of 20 mass % so as to print on the coating layers on condition that printing pressure is 100N and the amount of transferred ink is $2.3 \pm 0.1 \text{ g}/\text{m}^2$, wherein the maximum value of ink tack can be measured between 24.5 seconds and 790.2 seconds after printing has been performed, wherein ink tack value measured 24.5 seconds after printing has been performed is 3N or less and ink tack value measured 790.2 seconds after printing has been performed is 4N or less.
2. A coated paper for printing as defined in claim 1, wherein ink tack value measured

15 24.5 seconds after printing has been performed is 2.5N or less and ink tack value measured 790.2 seconds after printing has been performed is 4N or less.
3. A coated paper for printing as defined in claim 1, wherein ink tack value measured 24.5 seconds after printing has been performed is 2.5N or less, ink tack value measured 669.6

20 seconds after printing has been performed is 3N or less and ink tack value measured 790.2 seconds after printing has been performed is 3N or less.
4. A coated paper for printing comprising two or more coating layers composed mainly of a pigment and an adhesive on at least one surface of a base paper, wherein

25 absorption coefficient K_a of the coating layers is within a range of $0.02 - 0.35 \text{ ml}/(\text{m}^2 \cdot \text{ms}^{1/2})$ when measured using Bristow tester and standard viscosity oil (JS2.5) defined in JIS Z8809-1992 as evaluation liquid, and wherein set-off density can be measured by a RI printability tester after printing on the coated paper with sheet ink for evaluating paper on condition that printing pressure is 980N and the amount of transferred ink is $4.2 \pm 0.1 \text{ g}/\text{m}^2$ is

30 evaluated with a 256 gradation, the set-off density 1 minute after printing is 30 or less and the set-off density 6 minutes after printing is 230 or greater.

5. A coated paper for printing as defined in claim 4, wherein the set-off density 1 minute after printing is 30 or less and the set-off density 6 minutes after printing is 245 or greater.

5 6. A coated paper for printing as defined in claim 4, wherein the set-off density 1 minute after printing is 30 or less, 3 minutes after printing is 200 or greater, and 6 minutes after printing is 245 or greater.

7. A coated paper for printing as defined in claim 4, wherein the set-off density 1
10 minute after printing is 28 or less, 3 minutes after printing is 200 or greater, and 6 minutes after printing is 245 or greater.

8. A coated paper for printing applying two or more coating layers composed mainly of a pigment and an adhesive on at least one surface of a base paper, wherein pigment
15 components of the outermost layer is composed of calcium carbonate of 5 – 70 mass % having an average particle diameter of 0.3 – 1.2 μm and kaolin of 30 – 95 mass % having an average particle diameter of 0.1 – 0.4 μm , and adhesive components of the outermost layer is composed of (a) water soluble adhesive, (b) styrene-butadiene copolymer latex containing acrylonitrile of 10 – 35 mass % in the ratio of monomer and having an average diameter of
20 50 – 120 nm, and (c) copolymer latex other than the above (b), wherein when an amount of each of the above (a), (b), and (c) contained in the coating layer is denoted as (S) mass parts, (L1) mass parts, and (L2) mass parts based on 100 mass parts of pigment components of the coating layer, respectively, the value of A can be obtained by the following equation:

$$A (\text{mass part}) = 2 \times (S) + 1.5 \times (L1) + 1 \times (L2)$$

25 Wherein, $0 \leq (S) < 6$, $0 \leq (L1)$, $0 \leq (L2)$,

$$(S) + (L1) + (L2) \leq 16$$

wherein the amount of pigment components having an average particle diameter of 0.4 μm or less contained in the outermost layer is

- (i) 60 mass % or less of the total amount of pigment components, the value of A is within
30 a range of 16 – 21,
(ii) more than 60 mass % of the total amount of pigment components, the value of A is

within a range of 19 – 24,
wherein 80 – 100 mass % of pigment components of an inner coating layer abutting on the
outermost coating layer is composed of calcium carbonate having an average particle
diameter of 0.1 – 1.2 μ m while the mixture amount of adhesive components of the coating
5 layer is 6 – 13 mass parts based on 100 mass parts of pigment components and the amount of
water soluble adhesive contained in adhesive components is less than 6 mass parts based on
100 mass parts of pigment components.